



MATERIAL CHARACTERISTICS (GENERAL PROPERTIES OF EO1B)

PROPERTY	NOMINAL VALUE
THERMAL CONDUCTIVITY [ROOM TEMP.]	0.8 w / m · k
THERMAL EXPANSION (α 1)	150 x 10 ⁻⁷ /°C, 490 x 10 ⁻⁷ /°C
BENDING STRENGTH	0.14 GPa
BENDING ELASTICITY	18 GPa
GLASS TRANSITION TEMPERATURE (T _g)	163°C
VOLUME RESISTIVITY [ROOM TEMP.]	2 x 10 ¹⁵ Ω · cm
DIELECTRIC CONSTANT [1MHZ] [ROOM TEMP.]	3.8
α COUNT EMISSION (DPH)	0.06 COUNTS / cm ² Hr